AL pharma

Labelling system for pharmaceutical products

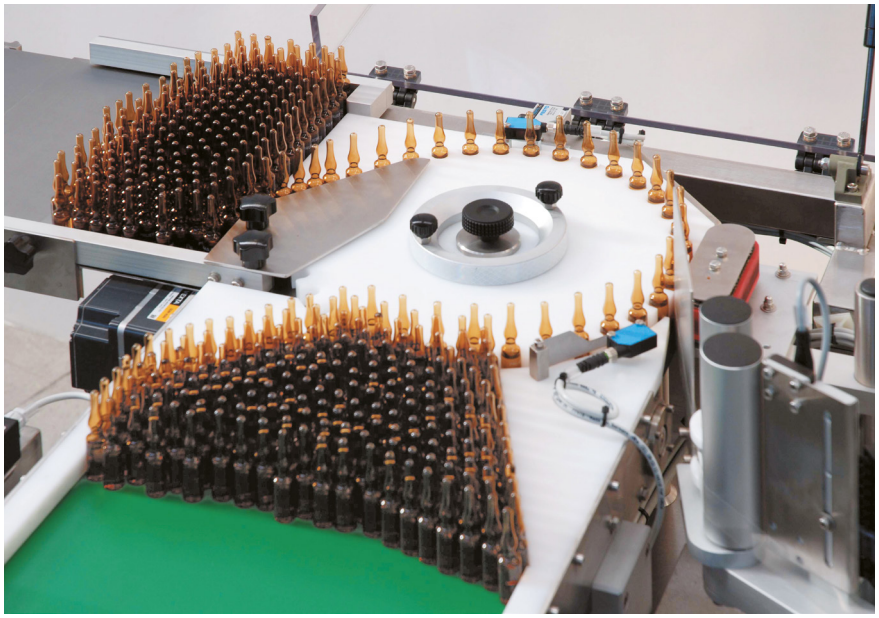
The self-adhesive labelling systems of the ALpharma line have been specifically developed by ALTECH for applications on pharmaceutical product packaging.

Building on its proven experience in designing innovative labelling systems - widely successful across all market sectors - ALTECH has developed the ALpharma line, which features particularly advanced characteristics to meet the stringent requirements of the pharmaceutical industry.

In particular, the design of ALpharma systems, carried out in accordance with Good Manufacturing Practice (GMP), has focused on a range of specific requirements, including:

- Ease of machine cleaning, achieved through the use of smooth surfaces, reduced gaps, elevation of electrical components and/or their protection against potential liquid spills.
- Ergonomics of mechanical parts, ease of format changeover, and repeatability of adjustments.
- Use of high-quality materials, primarily stainless steel (AISI 304 or 316).
- Integration of label printing systems for essential variable data (batch numbers, expiry dates), using thermal transfer coders.
- Integration of control sensors to verify correct overprinting and proper label application.
- Integration of a machine control system via Siemens PLC and touchscreen interface, enabling full control of all machine functions, as well as management of audit trails and batch reports.
- The possibility to certify the machine according to the IQ/OQ/PQ validation process, including the provision of the relevant documentation and the execution of testing (FAT, SAT) in accordance with these protocols.

ALpharma A



For vials and small bottles

Rotary labelling system with star-wheel handling, designed for tray-to-tray processing of ampoules and vials.

Ensures high accuracy, gentle product handling, and full process repeatability.

Automatic tray loader, for non stop operation is also available.

Output: up to 150 pcs/min.

ALpharma A for vials and small containers (machine on the cover). (Video)

ALpharma B

For cartons and tamper-evident seals

Automatic labelling system for erected cartons, suitable for barcode labels, vignettes, and tamper-evident seals applied on box flaps.

Designed for seamless integration into secondary packaging lines and compliance with pharmaceutical requirements.

Output: up to 200 pcs/min.

ALpharma C

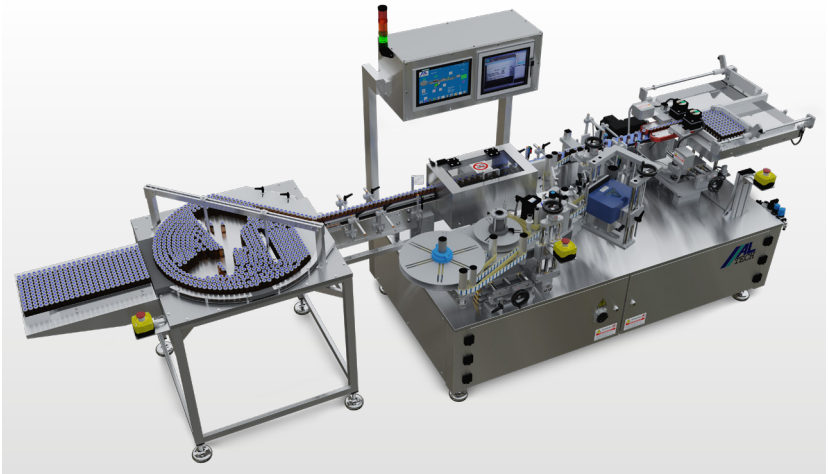
For in-line cylindrical bottles

High-speed in-line wrap-around labelling system for cylindrical standing vials.

Provides precise label positioning and consistent application quality under continuous production conditions.

Tray to tray option, or infeed/outfeed rotary tables are also available.

Output: up to 250 pcs/min.



ALpharma C in-line cylindrical containers.
(Video)

ALpharma CH

For unstable cylindrical products

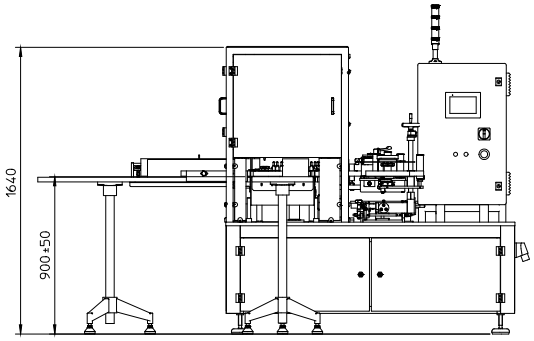
Wrap-around labelling system for unstable cylindrical products (e.g. test tubes and syringes), handled horizontally on idle rollers conveyor, to ensure controlled rotation and reliable label application.

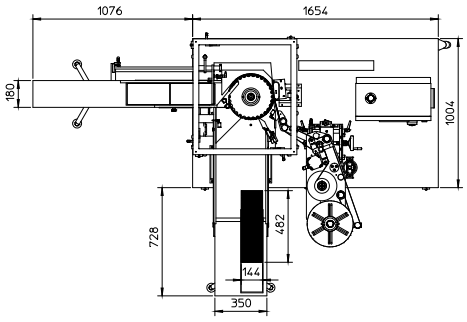
It can features continuos or indexed motion, allowing labelling in phase with a specific reference on the product.

Output: between 60 and 120 ppm depending on application requirements.

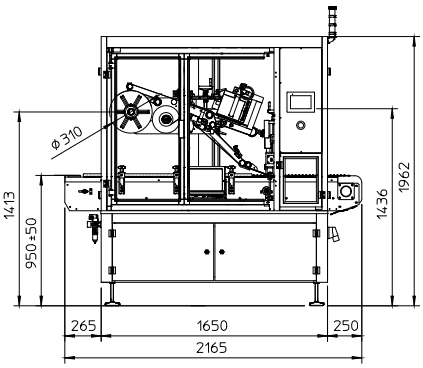
ALpharma CH for unstable cylindrical products.
(Video)

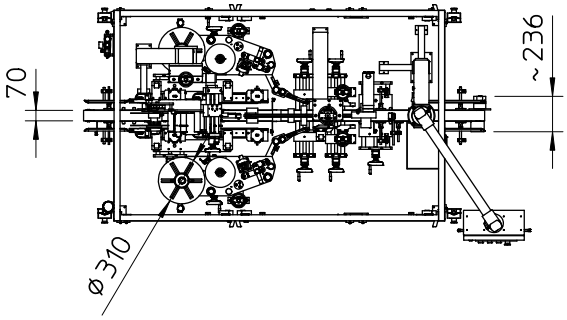
ALpharma A



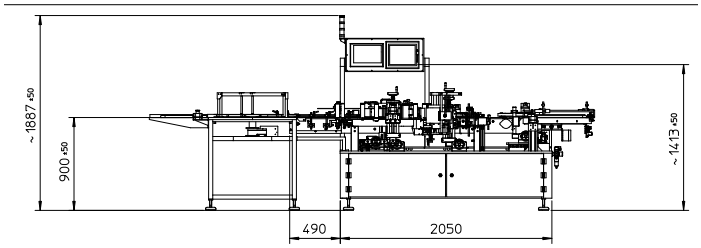


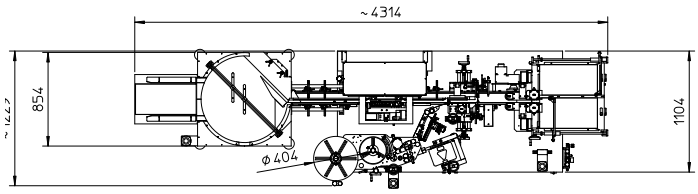
ALpharma B



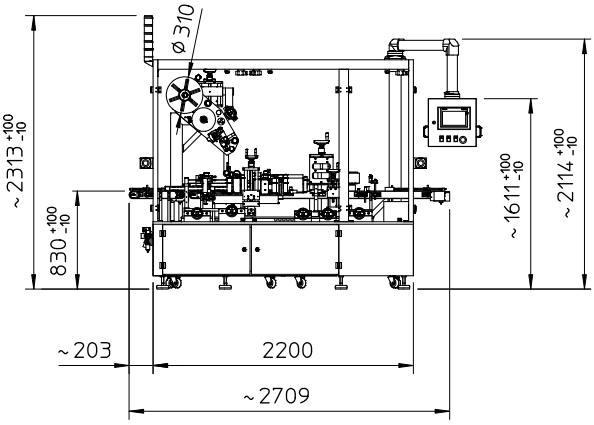


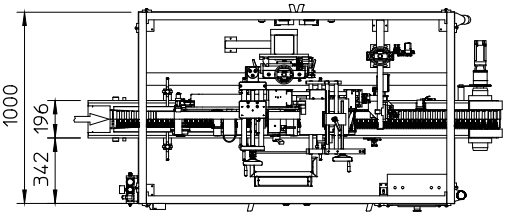
ALpharma C





ALpharma CH





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